

Statement of Work

Item	Description	Applicable Contract Function
1	SOW mod for 3-6-2019 thru 3-6-2020	Implementation Phase Services – Mechanical Systems Disciplines
Performance Requirements		Delivery Schedule:
Continue the two subtasks created for the last TO mod - Subtask 1-Mechanical Development Support Subtask 2-ApA Assembly Support		12 Month(s)
Performance requirement for 3/07/2019 thru 3/06/2020:		12 Month(s)
<p>ApA Subsystem:</p> <p>Senior Engineer (REDACTED):</p> <ul style="list-style-type: none"> - Inspection and documentation of XARM Aperture hardware/components. - Organizing Astro-H Aperture FM spares and GSE, aggregating and storing witness coupons, and organizing records in a manner that will be useful for potential use. - Summarizing lessons learned from Astro-H Aperture integration and testing, identification of deficiencies in GSE and determination and development of cost-effective enhancements that would reduce risk in a potential future mission. - Developing and releasing WOAs to govern work on the Aperture system. - Managing Aperture subsystem level build-up, fabrication, integration, and testing. <p>Mechanical Subsystem:</p> <p>Deputy Mechanical Lead Engineering (REDACTED):</p> <ul style="list-style-type: none"> - Perform Mechanical engineering management of the ADR and HTS leads subsystems - Work included WOA writing and implementing, managing designer team, interfacing with subsystem PDLs, writing reports, and providing engineering guidance to the team. - Perform Deputy Mechanical Lead role by providing other necessary mechanical engineering support as needed. <p>Mechanical Design work (REDACTED):</p> <ul style="list-style-type: none"> - All designers must have proficient knowledge of PTC CREO 3 design, drawing/drafting, GD&T, and Windchill Configuration management software. - The designers must also be familiar with Goddard's Configuration Management systems such as TDMS. - Designer team must consist of (at minimum) REDACTED of an experienced "lead designer" and REDACTED of senior level designers. The remainder can consist of a part time junior level designer (REDACTED). - Designer team will be responsible for minor design updates, creation of MGSE, as well as ensuring the configuration of top level assembly models and drawings are correct and adequate. 		